

PIRANHAFLEX™ SAE 100R7

PIRANHAFLEX™ SERIES
PF354 AND PF354NC
(FOR NON-
CONDUCTIVE
APPLICATIONS) ARE
IDEAL FOR MEDIUM
PRESSURE HYDRAULIC
HOSE APPLICATIONS
INVOLVING HYDRAULIC
OIL AND LUBRICATIONS
LINES.



Construction:

Piranhaflex™ Series **PF354** & **PF354NC** consist of three individual components bonded to ensure maximum performance.

Tube – Seamless nylon inner tube.

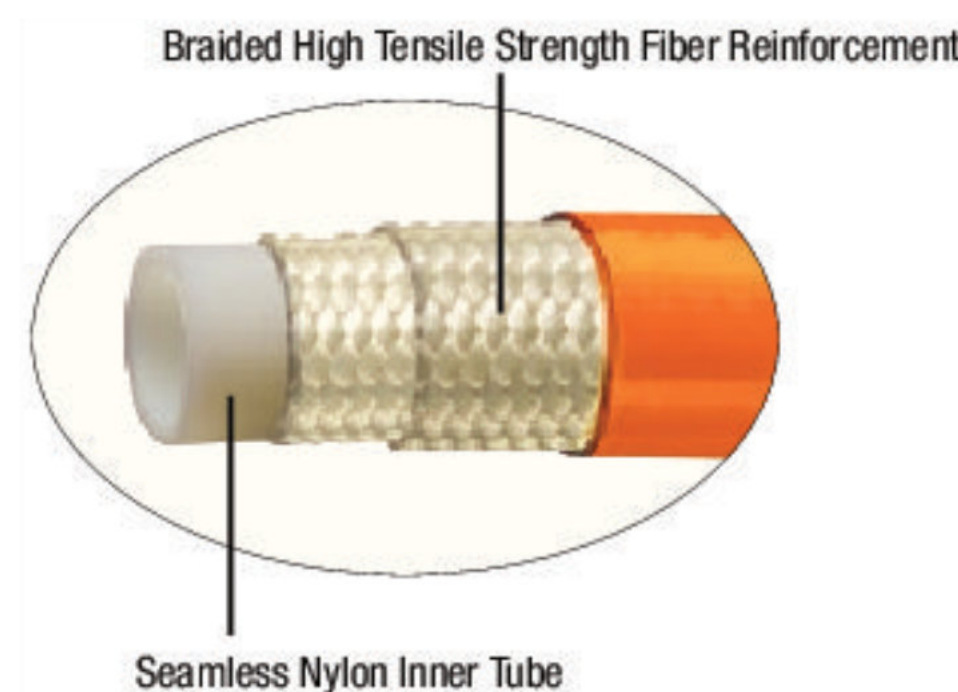
Reinforcement – Braided high tensile strength fiber reinforcement.

Cover – Series **PF354** has a **black** abrasion resistant polyurethane pin picked cover; **Series PF354NC has an Orange non-conductive (REACH Compliant), non-pin pricked cover.**

Temperature Range: -40°F (-40°C) to +200°F (+93°C) for petroleum based hydraulic fluids.

Features:

- Meets or exceeds SAE J517 Standards
- Tested at ½ bend radius under SAE Standards
- Exceeds 100R7 impulse requirements
- Light weight and flexible
- Ideal for general hydraulic services



Series Number	Size Code	Nominal ID		Nominal OD		Max. Working† Pressure (psl)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		
PF354/ PF354NC	03	3/16	4.8	0.415	10.5	3,000	0.75	19	0.05	PFR-03
PF354/ PF354NC	04	1/4	6.4	0.496	12.6	2,750	1.50	38	0.06	PFR-04
PF354/ PF354NC	05	5/16	8.1	0.580	14.7	2,500	1.75	44	0.08	PFR7-05
PF354/ PF354NC	06	3/8	9.7	0.650	16.5	2,250	2.00	51	0.11	PFR-06
PF354/ PF354NC	08	1/2	13.1	0.834	21.2	2,000	3.00	76	0.16	PFR-08
PF354/ PF354NC	12	3/4	19.1	1.050	26.7	1,250	6.00	152	0.22	PFR-12

† Minimum burst pressure 4-to-1 safety factor.

THERMOPLASTIC

GEORGIA
3400 Town Point Dr.
Suite 130
Kennesaw, GA 30144

OHIO
2611 Thunderhawk Ct.
Dayton, OH 45414

(800) 344-0150 phone
(937) 454-2086 fax
sales@ushoseco.com
www.USHOSECO.com